

CORRECTIVE ACTION STABILIZATION EVALUATION QUESTIONNAIRE

Completed by: PAT MURROW, IRSP
Date: September 4, 1996

Background Facility Information

Facility Name: BIG WOODS AUTO
EPA Identification No.: IAD981711948
Location (City, State): CEDAR FALLS
Facility Priority Rank: L

1. Is this checklist being completed for one solid waste management unit (SWMU), several SWMUs, or the entire facility? Explain.

Entire facility

- ☐ Operating permit.
☐ Post-closure permit.
☐ Enforcement order.

4. Have interim measures, if required or completed (see Question 2), been successful in preventing the further spread of contamination at the facility? NA

Status of Corrective Action Activities at the Facility

2. What is the current status of HSWA corrective action activities at the facility?

- ☐ Yes
☐ No
☐ Uncertain; still underway.

- ☐ No corrective action activities initiated.
- ☒ RCRA Facility Assessment (RFA) or equivalent completed. EPI/PA 4/16/91
- ☐ RCRA Facility Investigation (RFI) completed.
- ☐ Corrective Measures Study (CMS) completed.
- ☐ Corrective Measures Implementation (CMI) begun or completed.
- ☐ Interim Measures begun or completed.

CONTINUE TO QUESTION 5 ONLY IF:

- Interim Measures have not been initiated, or if initiated, have not been successful in preventing the further spread of contamination at the facility.

Facility Releases and Exposure Concerns

5. To what media have contaminant releases from the facility occurred or been suspected of occurring? NA

- ☐ Ground water
☐ Surface water
☐ Air
☐ Soils

6. Are contaminant releases migrating off-site? NA

— See Conclusion No. 18 —

3. If corrective action activities have been initiated, are they being carried out under a permit or an enforcement order? NA



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☐ Yes; indicate media, concentrations, and level of certainty.

☐ Yes
☐ No
☐ Uncertain

☐ No
☐ Uncertain

Additional explanatory notes:

7a. Are humans currently being exposed to contaminants released from the facility? *NA*

☐ Yes
☐ No
☐ Uncertain

10. Could a stabilization initiative at this facility reduce the present or near-term (e.g., less than two years) risks to human health and the environment? *NA*

☐ Yes
☐ No
☐ Uncertain

7b. Is there a potential for human exposure to the contaminants released from the facility over the next 5 to 10 years? *NA*

☐ Yes
☐ No
☐ Uncertain

Additional explanatory notes:

8a. Are environmental receptors currently being exposed to contaminants released from the facility? *NA*

☐ Yes
☐ No
☐ Uncertain

11. If a stabilization activity were not begun, would the threat to human health and the environment significantly increase before final corrective measures could be implemented? *NA*

☐ Yes
☐ No
☐ Uncertain

8b. Is there a potential that environmental receptors could be exposed to the contaminants released from the facility over the next 5 to 10 years? *NA*

☐ Yes
☐ No
☐ Uncertain

Additional explanatory notes:

Anticipated Final Corrective Measures

9. If already identified or planned, would final corrective measures be able to be implemented in time to adequately address any existing or short-term threat to human health and the environment? *NA*

Technical Ability to Implement Stabilization Activities

12. In what phase does the contaminant exist under ambient site conditions? *NA*

☐ Solid
☐ Light non-aqueous phase liquids (LNAPLs)

☐ Dense non-aqueous phase liquids (DNAPLs)

☐ Dissolved in ground water or surface water

☐ Gaseous

☐ Other _____

13. Are one or more of the following major chemical groupings of concern at the facility? *NA*

☐ Volatile organic compounds (VOCs) and/or semi-volatiles

☐ Polynuclear aromatics (PAHs)

☐ Pesticides

☐ Polychlorinated biphenyls (PCBs) and/or dioxins

☐ Other organics

☐ Inorganics and metals

☐ Explosives

☐ Other _____

14. Are appropriate stabilization technologies available to prevent the further spread of contamination, based on contaminant characteristics and the facility's environmental setting? (See Attachment A for a listing of potential stabilization technologies.) *NA*

☐ Yes; indicate possible course of action.

☐ No; indicate why stabilization

technologies are not appropriate; then go to Question 19.

15. Has the RFI, or another environmental investigation, provided the site characterization and waste release data needed to design and implement a stabilization activity? *NA*

☐ Yes

☐ No

If No, can this data be obtained faster than the data needed to implement the final corrective measures?

☐ Yes

☐ No

Timing and Other Procedural Issues Associated with Stabilization

16. Can stabilization activities be implemented more quickly than the final corrective measures? *NA*

☐ Yes

☐ No

☐ Uncertain

Additional explanatory notes:

17. Can stabilization activities be incorporated into the final corrective measures at some point in the future? *NA*

☐ Yes

☐ No

☐ Uncertain

Additional explanatory notes:

Conclusion

18. Is this facility an appropriate candidate for stabilization activities?

- () Yes (YE)
☒ No, not feasible (NF)
() No, not required (NR)
() Further investigation required (IN)

Explain final decision, using additional sheets if necessary.

Determination of Need of a RFI-
No RFI is not necessary 9/16/91

RCRIS data entry by Hjones
9-4-96

This event indicates that the feasibility and appropriateness of stabilization activities at this facility have been evaluated. This evaluation should be completed using the National Corrective Action Stabilization Questionnaire or a similar type of evaluation which asks the same range of questions. A status code should be entered for the areas covered by each evaluation. The status codes are consistent with the possible outcomes from the National Corrective Action Stabilization Questionnaire.

YE This facility is amendable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

NF This facility is not amenable to stabilization activity at the present time, because it appears to be technically infeasible or inappropriate.

IN This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.

NR This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree or risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Initiating Sources: The completed National Corrective Action Stabilization Questionnaire or similar review.

Oversight: Yes (data sent to HQ)

Schedule Date: Date facility is expected to be evaluated for stabilization measure.

Actual Date: The date the completed National Corrective Action Stabilization Questionnaire or documentation of a similar review is entered into the facility file.

Guidance: Stabilizations can be entered for the entire facility, or for certain areas at the facility. To be counted for STARS Stage I and/or Stage II activities, a stabilization evaluation at the facility must be entered under the CA225 event.